Panasonic

New Aquarea T-CAP M Series
Air to water heat pumps

AQUAREA

Panasonic

AQUAREA

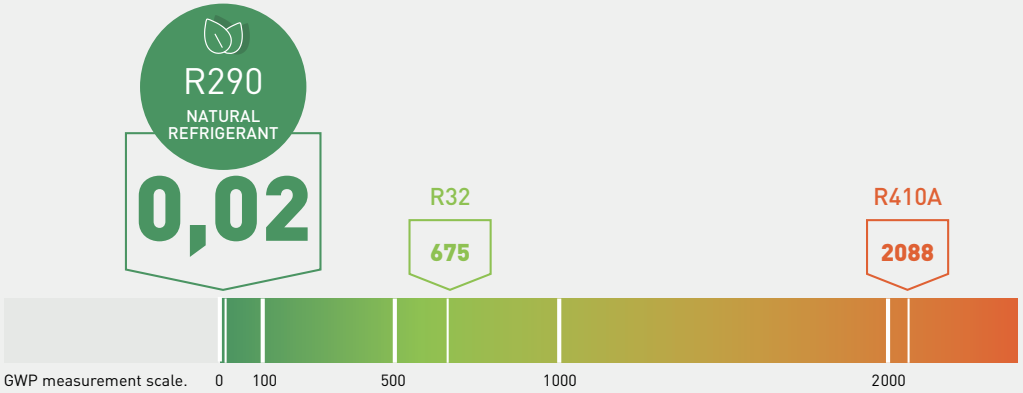
Contributing to a decarbonised society.

Aquarea air to water heat pumps with R290 refrigerant range is a groundbreaking low energy system for heating, cooling and domestic hot water production that delivers outstanding performance, aligning with our vision of a carbon-free society and our GREEN IMPACT plan.

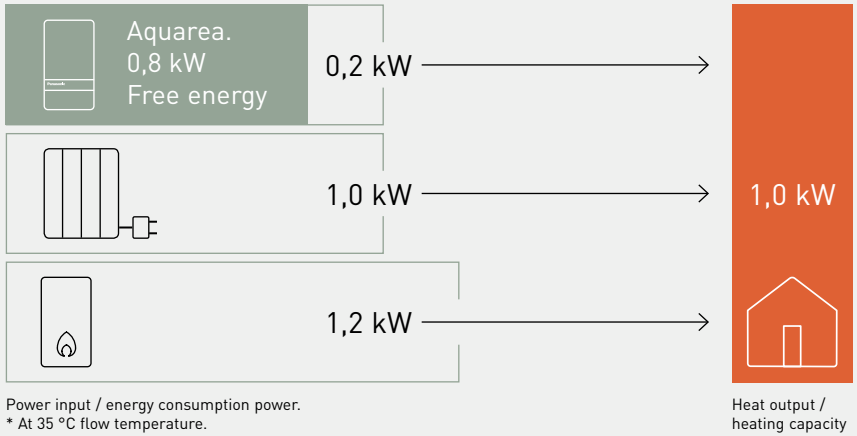
With sustainability at the forefront of its innovations, Panasonic's newest series are engineered with industry leading natural refrigerant R290, which has a low Global Warming Potential (GWP) of just 0,02*, helping reduce CO_2 emissions and environmental impact.

* Based on the Sixth Assessment Report (AR6) adopted by the Intergovernmental Panel on Climate Change (IPCC).

Global Warming Potential refrigerant comparison.



Up to 80%* energy savings with Aquarea.



Power input / energy consumption power.
* At 35 °C flow temperature.

Heat output / heating capacity

As much as 79% of the energy consumption of European homes comes from heating and producing DHW*. That's why, compared to conventional boilers and electric heaters, highly efficient Panasonic air to water heat pump technology can make a significant difference. Moreover, by converting heat energy in the air into household warmth, this technology helps reduce CO_2 emissions and environmental impact.

*** https://ec.europa.eu/eurostat.**

The Aquarea range meets one of the highest rank of energy efficiency criteria of European energy rating system.

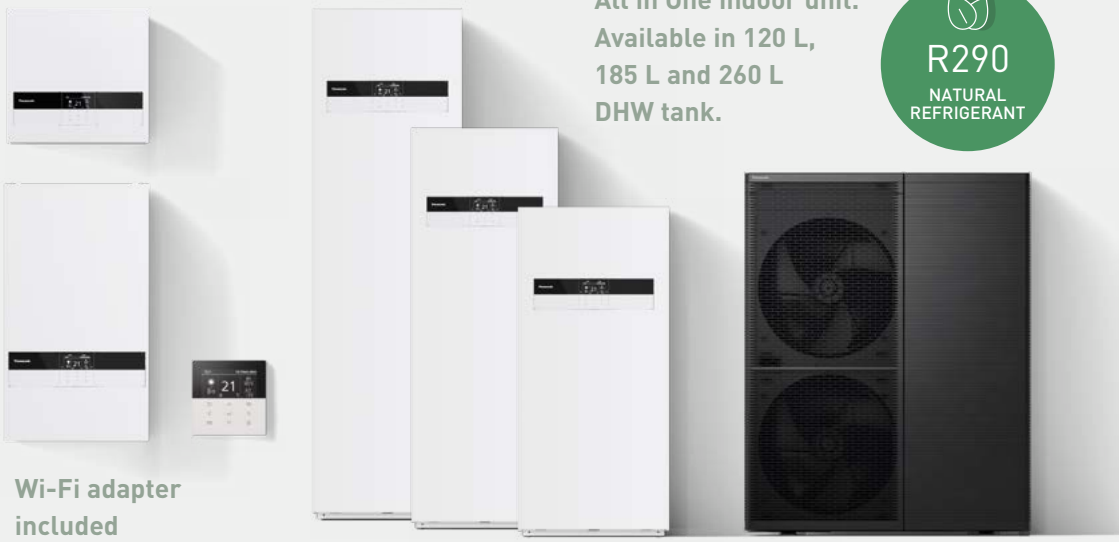
For low temperature application. Energy Labelling Regulation (EU) No. 811/2013.

Panasonic

Introducing T-CAP, M Series the latest generation of Aquarea air to water heat pumps with R290.

Flexible installation, suitable for retrofit and new buildings.

Thanks to its new, modular concept, the outdoor unit can function independently with just an indoor remote control, for those seeking basic functionalities. Homeowners can opt for enhanced functionality by incorporating the more advanced control module or selecting between the range of indoor units.

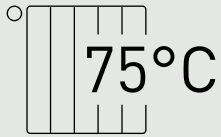


Wi-Fi adapter included

All in One indoor unit. Available in 120 L, 185 L and 260 L DHW tank.

R290 NATURAL REFRIGERANT

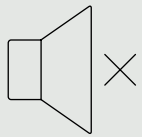
Panasonic has more than 60 years of heat pump experience, having produced an exceptional amount of compressors. Quality is what Panasonic stands for and this is a key factor for succeeding in the European market.
The membership in the European Heat Pump Association, the production of Aquarea in Europe and high security protocols in European servers, make Panasonic a trusted heating partner.



Output water

Up to 75 °C water outlet down to -15 °C outdoor.

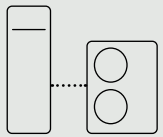
* Down to 15 °C outdoor for 20, 25 and 30 kW models.



Quiet operation

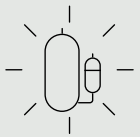
Only 29 dB(A) sound pressure at 5 m*.

* Sound pressure calculation for WH-WXG12ME5, free standing, A +7 °C, W 35 °C in Quiet mode 3.



Flexible hydraulic installation

Hydraulic connection between indoor and outdoor.

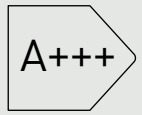


Made and designed by Panasonic

Reliable outdoor units with Panasonic compressor.

Smart control and remote maintenance

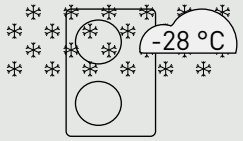
Panasonic Comfort Cloud App and Aquarea Service Cloud included.



High efficiency

ErP 35 °C.
Energy efficiency class up to A+++*.

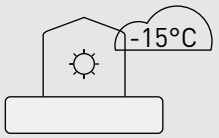
* Scale from A+++ to D.



Extreme conditions

Compressor operating down to -28 °C* outdoor temperatures.

* Down to -25 °C outdoor temperature for 20, 25 and 30 kW models.



T-CAP technology

Keeping heating capacity down to -15 °C.

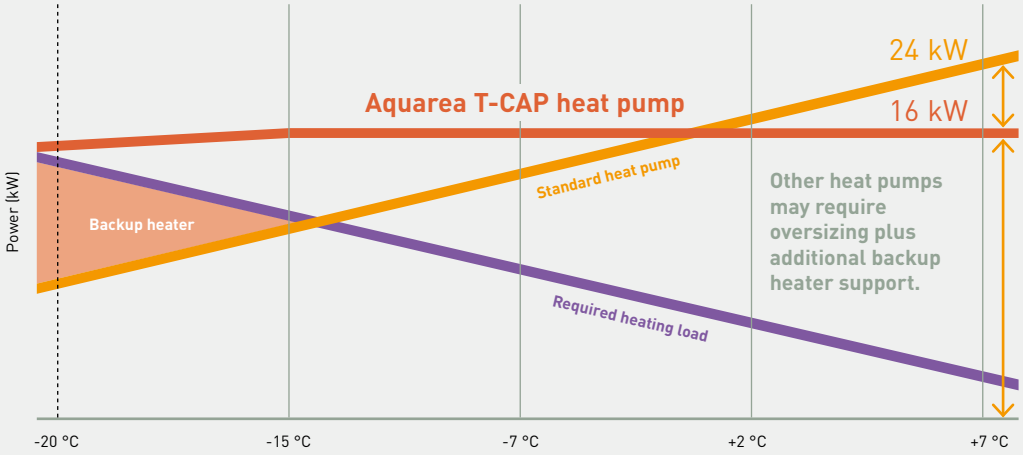
A revolution in design, efficiency and connectivity.

Aquarea T-CAP, high performance whatever the climate.

Aquarea T-CAP outdoor units are highly reliable thanks to the quality of all components, including the new compressor with injection technology, developed and manufactured by Panasonic, that can work in outdoor temperatures as low as -28 °C.

Specially designed to work under severe outdoor conditions, Aquarea T-CAP can work in outdoor temperatures as low as -28 °C and maintain the rated heating capacity even at -15 °C [1] outdoor temperature, without requiring an electrical heater.

1) At 35 °C flow temperature.

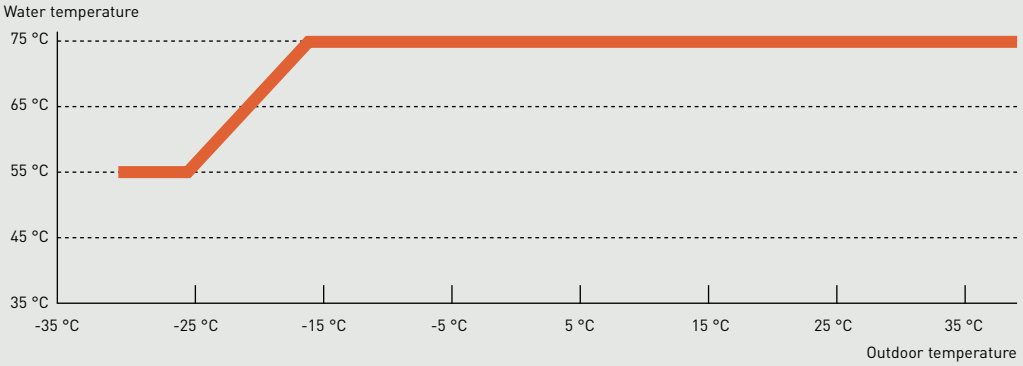


For retrofit and new buildings.

The wide Aquarea T-CAP range ensures the most appropriate choice for your home - whatever the size.

Aquarea T-CAP easily replaces old boilers or manages bivalent installations and is ideal for supplying radiators, fan coils or underfloor heating up to 75 °C, even at -15 °C outside.

It can even supply hot water at 55 °C when the outside temperature is -28 °C.



* For M Series 9, 12 and 16 kW models.

Reliable technology.

Aquarea T-CAP M Series outdoor units are equipped with a Panasonic R290 scroll compressor with injection technology, manufactured in-house, that can work in outdoor temperatures as low as -28 °C.

The outdoor heat exchanger is protected with a Bluefin treatment for harsh ambient conditions.

Aquarea T-CAP is an innovative heat pump, designed to provide ideal temperatures and hot water in the home, even with extreme outdoor temperatures.

Panasonic

Big Aquarea T-CAP M Series, the ideal solution for centralised heating and DHW installations.

The new Big Aquarea M Series offers a flexible, compact and energy-efficient solution for central heating and/or domestic hot water installations in multi-family or commercial buildings.

· Scalable solution, up to 300 kW in cascade
· Suitable for new build and retrofit
· Up to 75 °C water outlet
· Easy replacement of other heating sources and integration into existing water systems
· Quiet operation
· Maintains output at 55 °C down to -15 °C
· Hot water production at 65 °C with compressor only
· Flexible control options and seamless Modbus integration

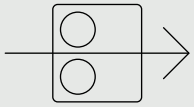
Conventional cascade system.

2 x **20 kW** heat pump

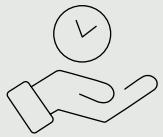
New Panasonic Aquarea T-CAP M Series.

1 x **30 kW** Big Aquarea T-CAP

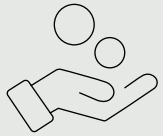
For 30 kW demand at 55 °C water outlet and -7 °C outdoor temperature.



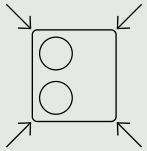
Maintained capacity



Time-saving installation



Cost-saving



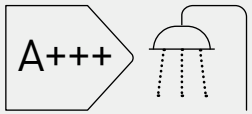
Space-saving

The new Big Aquarea M Series offers a solution for central heating and/or domestic hot water installations in multi-family or commercial buildings.

The peak of comfort, efficiency and low energy costs.

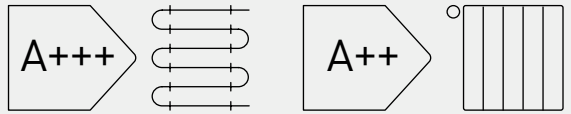
Leveraging heat pump technology and our unique expertise, Panasonic has been working for many years to help realise a sustainable society and enrich people's lives.

Aquarea M Series can reach a domestic hot water temperature of up to 65 °C without the use of the electric heater, so the tank sterilization can be performed with the heat pump operation for further energy savings.



Energy efficiency class up to A+

Scale from A+ to F.



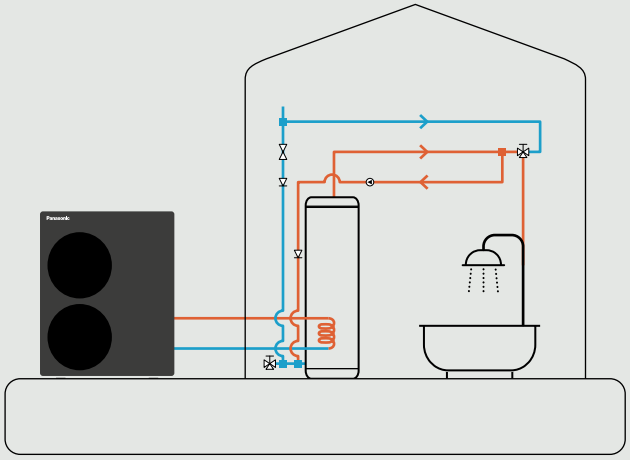
ErP 35 °C / 55 °C.
Energy efficiency class up to A+++/A++

Scale from A+++ to D.

Maximising hot water comfort.

· Up to 40% more tap water with a higher tank temperature setting to save space
· New domestic hot water circulation mode for instant availability of hot tap water
· During sterilisation, the domestic hot water circulation mode is activated to ensure sterilisation of the water pipes

The hot water in the pipes recirculates back to the tank at set intervals during the set time period, ensuring instant hot water for the end user.

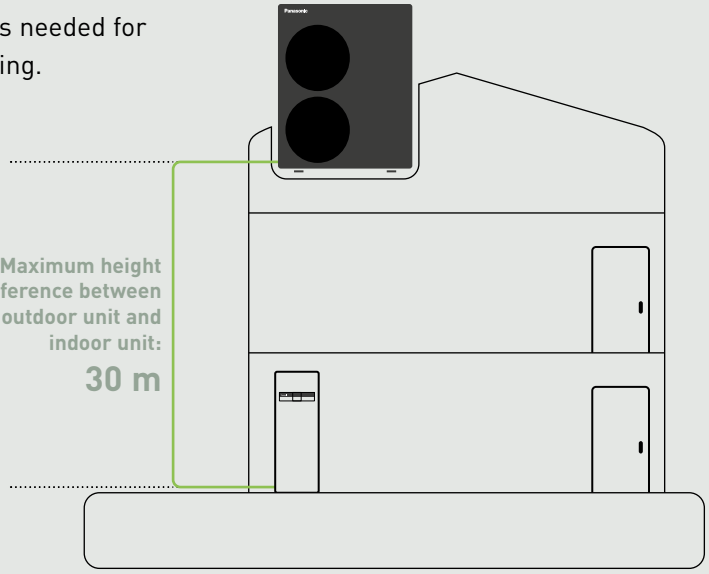


Flexible hydraulic installation.

The installation of the system is 100% hydraulic, with only water pipes between the outdoor unit and the interior of the home.

More living space at home.
No indoor safety measures needed for refrigerant or fuel gas piping.

No F-gas certification required



Panasonic has been working for many years to help realise a sustainable society and enrich people's lives.

Harmony between technology and home.

In our daily lives, technology is attuned to you and the environment around you, without overstating the device or interface.
Just as the air is always around you even if you're not aware of it, Panasonic's technology continues to be in tune with your environment and your life.

Harmony with the environment. Save living space.

A premium white, faithful to the Aquarea spirit underlined by the seamlessly integrated controller which provides a sleek black band across the unit.

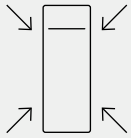
DESIGN AWARD 2023

reddot winner 2023

* For 9, 12 and 16 kW models (single and three phase).

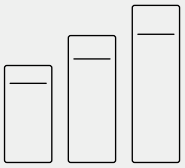
Like indoor equipment, the outdoor unit is designed to harmonize with architecture and the environment while quietly supporting the precious time spent with the warm family.
The outdoor units, with an anthracite grey colour which will dress the entire range, have been completely redesigned with an innovative design that will find its place in all spaces.

Aquarea All in One M Series: the best Panasonic technology.



599 x 602 mm footprint

Reduces required installation space.

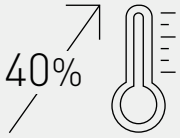


Available in different sizes

120 L, 185 L and 260 L DHW tank.

No buffer tank required

Reducing space, cost and installation time.



Up to 40% more tap water

With a higher tank temperature setting.

U-Vacua™; Vacuum insulation panel. Significant energy savings with world-leading insulation performance.

Because they leverage VIP technology, U-Vacua™ panels offer 19 times the insulation performance of polystyrene foam. Since the system retains heat longer, it needs to heat up fewer times each day, resulting in energy savings.

Panasonic's unique low noise architecture.

The compressor, which is a major source of noise, is equipped with a double-bottomed structure to provide a safe, quiet structure that does not disturb neighbours in crowded residential areas.

* Sound pressure calculation for WH-WXG12ME5, free standing, A +7 °C, W 35 °C in Quiet mode 3.

The outdoor unit is designed to harmonize with architecture and the environment with a quiet operation.

Quiet operation.
Only 29 dB(A) sound pressure at 5 m*.

Advanced control and connectivity features, enhanced interface.

Smart bivalency.
Cost effective bivalent mode with power tariff logic.

Smart Grid Ready.
The Aquarea M Series features the SG Ready function* for seamless connection to smart grid controls.

Dual control system.
Allows for independent control of two zones in the home, enhancing comfort and efficiency.

* Additional accessory required.

Dual controller system.
A dual controller system, for independent control of two zones, within the home.

BMS integration.
Aquarea integrates seamlessly with Modbus or KNX projects*, allowing bi-directional monitoring and control of all operating parameters.

Enhanced connectivity.
A second interface connection port (CN-CNT) offers improved connectivity when connecting the outdoor unit to the control module or an indoor unit.

* Additional accessory required.

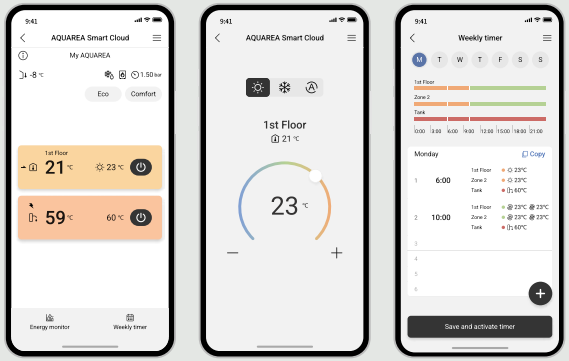
Panasonic Comfort Cloud App.

The IoT solution for your heating and cooling systems to help maximize comfort while managing energy consumption from anywhere, 24/7.

The Panasonic Comfort Cloud App enables you to conveniently manage and monitor the Aquarea range of heating, cooling and hot water functions from a mobile device. Energy monitoring is also possible, giving you the opportunity to reduce operating costs even further.

Aquarea Service Cloud.

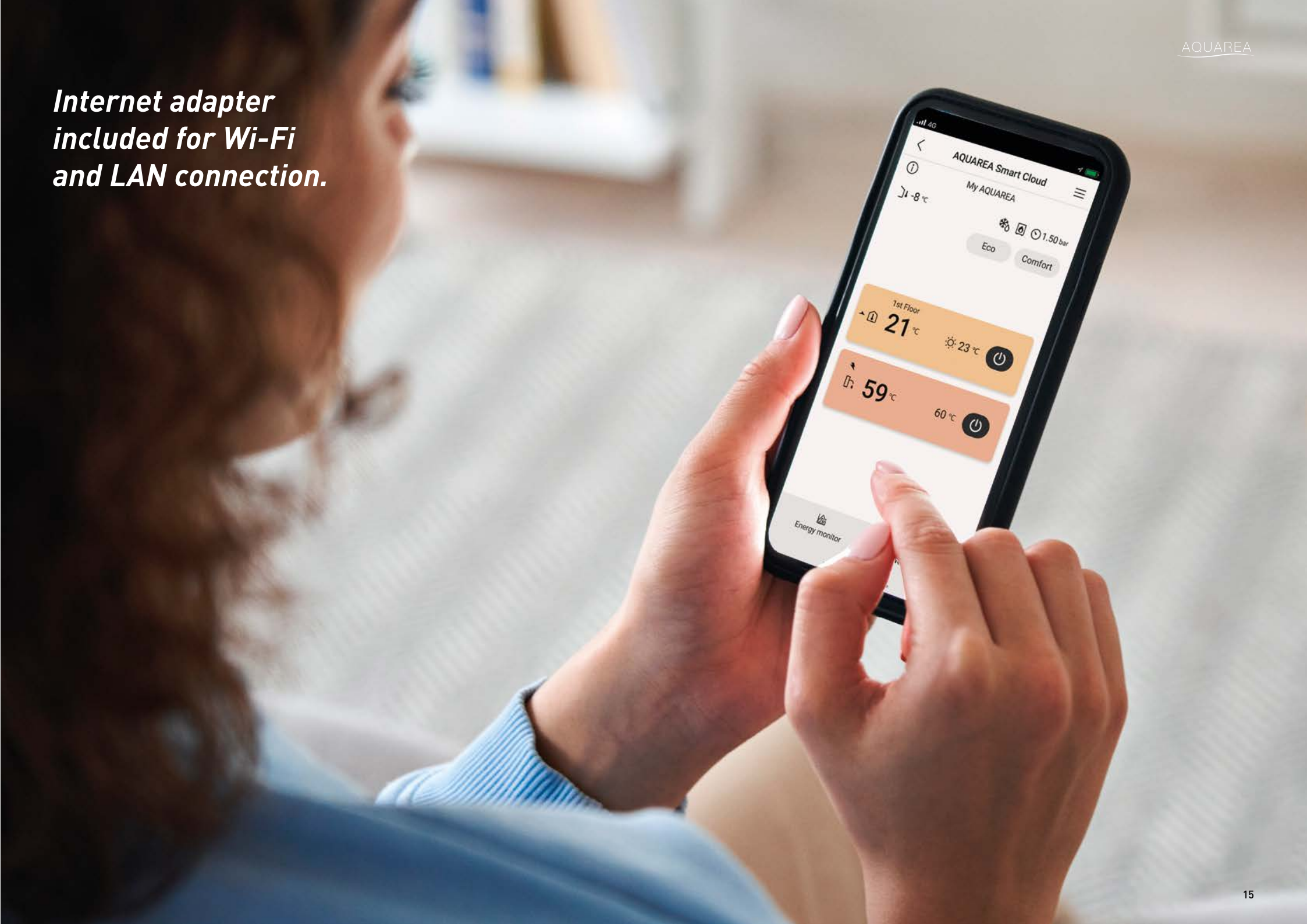
The Aquarea Service Cloud allows professionals to take care of their customers' heating systems remotely, engaging in predictive maintenance and system finetuning and respond rapidly to any malfunctions.



Comfort Cloud

Download Panasonic Comfort Cloud App.

Internet adapter included for Wi-Fi and LAN connection.



Aquarea + tado°, the integrated solution for maximum energy savings and comfort.

tado° | Panasonic

Partnership for smart heat pump solutions

tado° X enables room control and smart energy management services.

Easy to unlock and operate

User-friendly app for seamless heating and energy management.

Future-proof solution

Further efficiency gains via planned software updates.

Advanced energy savings

With the individual room temperature control.

Reliable and trustworthy

Guaranteed and optimised interoperability.

A smart solution for maintaining the perfect temperature in your home.

tado° Heat Pump Optimizer X

tado° Smart Radiator Thermostat X

tado° Wired Smart Thermostat X

works with Google Home

Works with Apple Home

works with alexa

Download on the App Store

GET IT ON Google Play

tado° app and Balance for Heat Pumps [1].
Multi-Room Control, scheduling and energy insights in one market leading app.

12-month free subscription to Balance for Heat Pumps [2].

1) Requires additional subscription. 2) With the purchase of PAW-THP0XE or PAW-THP0XUK. This promotion is subject to change without notice.

tado° smart heating customers save an average of 22% on their energy consumption.

Based on internal data averaged across all tado° customers, collected up to 11/2023.

Aquarea M Series gives you even more.

Highly efficient Panasonic solutions can help to significantly reduce the energy consumption of the building, at the same time a high level of comfort and good indoor air quality are kept.

Ventilation unit for a low-energy buildings.

Maximise building comfort by combining heat recovery ventilation units with Aquarea Heat Pumps for an efficient, space-saving solution for heating, cooling, ventilation and DHW.

Aquarea Air Smart fan coils.

Stylish, compact fan coil units for high comfort and energy savings.
Aquarea Heat Pumps can be integrated into a new or existing hydronic system.

Maximised efficiency with PV panels.

By integrating Aquarea Heat Pumps with PV panels*, heating, cooling and hot water production is adapted to the solar energy output, reducing energy costs.

* Additional accessory required.

Aquarea Home

New Aquarea Home App, seamless control of all Aquarea room solutions .

The Aquarea Home App enables seamless control and monitoring of the Aquarea room solutions through an intuitive, user-friendly interface.

App Store

Google Play

AQUAREA+

Get the most out of your Aquarea Heat Pump.

Aquarea+ offers end user useful information to operate a Panasonic Aquarea Heat Pump to provide heating, cooling and hot water in the most efficient and cost effective way.

Visit Aquarea+

AQUAREA SERVICE+

A window to tranquility.

Let us take care of your heat pump so you can just relax and enjoy a cozy, warm home. Aquarea Service+ offers a choice of 3 different service packages for you to select the one that best fits your needs.

Visit Aquarea Service+

High degree of living comfort and energy management.

Combination table

Indoor unit		DHW tank capacity	Backup heater capacity	Electrical Anode		Outdoor unit							
						Heating capacity							
						Single phase		Three phase					
						9,0 kW	12,0 kW	9,0 kW	12,0 kW	16,0 kW	20,0 kW	25,0 kW	30,0 kW
						WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8	WH-WXG16ME8	WH-WXG20ME8	WH-WXG25ME8	WH-WXG30ME8
Hydraulic All in One	1ph	120 L	3 kW	—	WH-ADC0916M3E51	✔	✔	—	—	—	—	—	—
		120 L	3 kW	✔	WH-ADC0916M3E5AN1	✔	✔	—	—	—	—	—	—
		185 L	3 kW	—	WH-ADC0916M3E52	✔	✔	—	—	—	—	—	—
		185 L	3 kW	✔	WH-ADC0916M3E5AN2	✔	✔	—	—	—	—	—	—
		185 L	6 kW	—	WH-ADC0916M6E52	✔	✔	—	—	—	—	—	—
		260 L	3 kW	—	WH-ADC0916M3E53	✔	✔	—	—	—	—	—	—
		260 L	3 kW	✔	WH-ADC0916M3E5AN3	✔	✔	—	—	—	—	—	—
		260 L	6 kW	—	WH-ADC0916M6E53	✔	✔	—	—	—	—	—	—
	3ph	120 L	9 kW	—	WH-ADC0916M9E81	—	—	✔	✔	✔	—	—	—
		120 L	9 kW	✔	WH-ADC0916M9E8AN1	—	—	✔	✔	✔	—	—	—
		185 L	9 kW	—	WH-ADC0316M9E82	✔	✔	✔	✔	✔	—	—	—
		185 L	9 kW	✔	WH-ADC0316M9E8AN2	✔	✔	✔	✔	✔	—	—	—
		260 L	9 kW	—	WH-ADC0316M9E83	✔	✔	✔	✔	✔	—	—	—
		260 L	9 kW	✔	WH-ADC0316M9E8AN3	✔	✔	✔	✔	✔	—	—	—
Hydraulic Bi-bloc	1ph	—	3 kW	—	WH-SDC0916M3E5	✔	✔	—	—	—	—	—	—
		—	6 kW	—	WH-SDC0916M6E5	✔	✔	—	—	—	—	—	—
	3ph	—	9 kW	—	WH-SDC0316M9E8	✔	✔	✔	✔	✔	—	—	—
Control module	1ph	—	—	—	WH-CME5	✔	✔	—	—	—	—	—	—
	3ph	—	—	—	WH-CME8	✔	✔	✔	✔	✔	—	—	—
		—	—	—	WH-CME8L	—	—	—	—	—	✔	✔	✔
Remote controller with Wi-Fi adapter	—	—	—	—	CZ-RTW2TAW1C	✔	✔	✔	✔	✔	✔	✔	✔

			Aquarea T-CAP M Series					Big Aquarea T-CAP M Series		
Outdoor unit			**WH-WXG09ME5**	**WH-WXG12ME5**	**WH-WXG09ME8**	**WH-WXG12ME8**	**WH-WXG16ME8**	**WH-WXG20ME8**	**WH-WXG25ME8**	**WH-WXG30ME8**
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP	9,00/5,23	12,00/5,06	9,00/5,23	12,00/5,06	16,00/4,89	20,00/4,80	25,00/4,50	30,00/4,40
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP	9,00/3,24	12,00/3,23	9,00/3,24	12,00/3,23	16,00/3,20	20,00/3,18	25,00/3,00	30,00/3,00
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP	9,00/3,81	12,00/3,54	9,00/3,81	12,00/3,54	16,00/3,30	20,00/3,39	25,00/2,80	30,00/2,50
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP	9,00/2,54	12,00/2,42	9,00/2,54	12,00/2,42	16,00/2,37	20,00/2,08	25,00/1,97	30,00/1,95
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP	9,00/3,45	12,00/3,00	9,00/3,45	12,00/3,00	16,00/2,53	20,00/2,48	25,00/2,36	30,00/2,33
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP	9,00/2,35	12,00/2,17	9,00/2,35	12,00/2,17	16,00/1,97	20,00/1,90	25,00/1,80	30,00/1,49
Cooling capacity / EER (A 35 °C, W 7 °C) at Comfort mode		kW / EER	9,00/3,61	12,00/2,85	9,00/3,61	12,00/2,85	14,50/2,87	20,00/3,02	25,00/2,86	26,00/2,68
Cooling capacity / EER (A 35 °C, W 7 °C) at Efficiency mode (default)		kW / EER	9,00/3,61	9,00/3,61	9,00/3,61	9,00/3,61	9,00/3,61	15,00/3,61	15,00/3,61	15,00/3,61
Cooling capacity / EER (A 35 °C, W 18 °C) at Comfort mode		kW / EER	9,00/5,26	12,00/4,29	9,00/5,26	12,00/4,29	15,50/3,92	20,00/4,79	25,00/4,47	30,00/4,10
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_{s} %)	4,96/3,57(195/140)	5,00/3,46(197/135)	5,00/3,50(197/137)	4,73/3,65(186/143)	4,75/3,70(187/115)	4,36/3,59 (171/141)	4,25/3,57 (167/140)	3,95/3,46 (155/135)
	Energy class [1]	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++	A++/A++	A++/A++	A++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_{s} %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,33/4,40(250/173)	6,20/4,40(245/173)	6,08/4,45(240/175)	5,37/4,07 (212/160)	5,22/4,14 (206/163)	4,93/4,01 (194/158)
	Energy class [1]	A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η_{s} %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,45/3,20(175/125)	4,38/3,25(172/127)	4,33/3,40(170/133)	3,07/2,57 (120/100)	3,16/2,71 (123/105)	3,20/2,71 (125/105)
	Energy class [1]	A+++ to D	A++/A++	A++/A++	A+++/A++	A++/A++	A++/A++	A/A+	A+/A+	A+/A+
Sound power [2]	Heat	dB(A)	52	53	52	53	57	55	58	60
Dimension	H x W x D	mm	1520 x 1200 x 430	1520 x 1200 x 430	1520 x 1200 x 430	1520 x 1200 x 430	1520 x 1200 x 430	1645 x 1500 x 460	1645 x 1500 x 460	1645 x 1500 x 460
Net weight		kg	161	161	161	161	165	240	240	240
Refrigerant (R290) / CO_2 Eq. [3]		kg / T	1,78/0,00004	1,78/0,00004	1,78/0,00004	1,78/0,00004	1,78/0,00004	3,0/0,00006	3,0/0,00006	3,0/0,00006
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43
	DHW	°C	-28 ~ +43	-28 ~ +43	-28 ~ +43	-28 ~ +43	-28 ~ +43	—	—	—
Water outlet	Heat / Cool	°C	25 ~ 75 [4] / 5 ~20	25 ~ 75 [4] / 5 ~20	25 ~ 75 [4] / 5 ~20	25 ~ 75 [4] / 5 ~20	25 ~ 75 [4]) / 5 ~20	20 ~ 75 [4] / 5 ~ 20	20 ~ 75 [4] / 5 ~ 20	20 ~ 75 [4] / 5 ~ 20

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). 3) WH-WXG models are hermetically sealed. GWP 0,02. Based on the Sixth Assessment Report (AR6) adopted by the Intergovernmental Panel on Climate Change (IPCC). 4) Above -15 °C outdoor temperature. Between outdoor ambient -15 °C and -25 °C, the water outlet temperature gradually decreases from 75 °C to 55 °C. Below -25 °C outdoor temperature maximum water outlet temperature is 55 °C. For Big Aquarea: Above 15 °C ambient temperature.

All in One			120 L DHW tank		185 L DHW tank			260 L DHW tank		
			Single phase	Three phase	Single phase		Three phase	Single phase		Three phase
Indoor unit		**WH-ADC**	**0916M3E51**	**0916M9E81**	**0916M3E52**	**0916M6E52**	**0316M9E82**	**0916M3E53**	**0916M6E53**	**0316M9E83**
Indoor unit with Electrical Anode		**WH-ADC**	**0916M3E5AN1**	**0916M9E8AN1**	**0916M3E5AN2**	**—**	**0316M9E8AN2**	**0916M3E5AN3**	**—**	**0316M9E8AN3**
Dimension	H x W x D	mm	1293 x 599 x 602	1293 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602	2036 x 599 x 602	2036 x 599 x 602	2036 x 599 x 602
Net weight		kg	74	74	89	89	89	105	105	105
Water volume		L	120	120	185	185	185	260	260	260
Maximum DHW temperature		°C	65	65	65	65	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Pipe length range standard / maximum		m	5/30	5/30	5/30	5/30	5/30	5/30	5/30	5/30
Elevation difference (in / out)		m	30	30	30	30	30	30	30	30

Domestic Hot Water energy efficiency

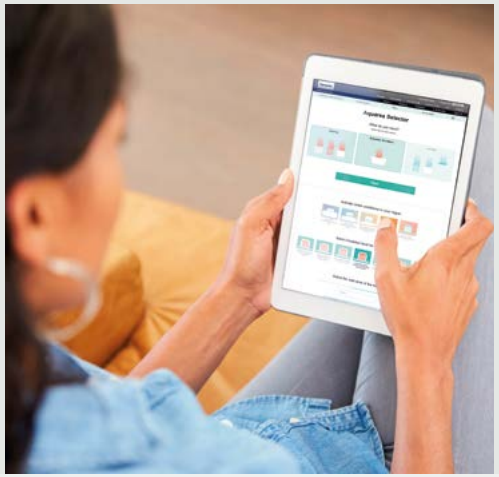
		120 L DHW tank					185 L DHW tank					260 L DHW tank				
Indoor unit		**WH-ADC0916M3E51**		**WH-ADC0916M9E81**			**WH-ADC0916M3E52**		**WH-ADC0316M9E82**			**WH-ADC0916M3E53**		**WH-ADC0316M9E83**		
		WH-ADC0916M3E5AN1		**WH-ADC0916M9E8AN1**			**WH-ADC0916M3E5AN2**		**WH-ADC0316M9E8AN2**			**WH-ADC0916M3E5AN3**		**WH-ADC0316M9E8AN3**		
							WH-ADC0916M6E52		**—**			**WH-ADC0916M6E53**		**—**		
Outdoor unit	**WH-WXG**	**09ME5**	**12ME5**	**09ME8**	**12ME8**	**16ME8**	**09ME5**	**12ME5**	**09ME8**	**12ME8**	**16ME8**	**09ME5**	**12ME5**	**09ME8**	**12ME8**	**16ME8**
Tapping profile according EN16147		L	L	L	L	L	L	L	L	L	L	XL	XL	XL	XL	XL
DHW tank ERP efficiency average / warm / cold [1]	A+ to F	A+/A/A	A+/A/A	A+/A/A	A+/A/A	A+/A/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A / A+ / A
DHW tank ERP average climate η / COPdHW	ηwh %/COPdHW	96/2,41	96/2,41	96/2,41	96/2,41	96/2,41	123/3,00	123/3,00	123/3,00	123/3,00	117/2,85	123/3,00	123/3,00	125/3,10	125/3,10	115/2,85
DHW tank ERP warm climate η / COPdHW	ηwh %/COPdHW	101/2,7	101/2,7	101/2,7	101/2,7	101/2,7	132/3,30	132/3,30	132/3,30	132/3,30	128/3,20	132/3,30	132/3,30	136/3,35	136/3,35	129/3,20
DHW tank ERP cold climate η / COPdHW	ηwh %/COPdHW	70/1,75	70/1,75	70/1,75	70/1,75	70/1,75	88/2,20	88/2,20	88/2,20	88/2,20	84/2,10	88/2,20	88/2,20	95/2,35	95/2,35	85/2,10

1) Scale from A+ to F. * Available in Autumn 2025. Tentative data. ** This product is designed to comply with the European drinking water standard (EU) 2020/2184. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when

Bi-bloc indoor unit			WH-SDC0916M3E5	WH-SDC0916M6E5	WH-SDC0316M9E8
Dimension / Net weight	H x W x D	mm / kg	892 x 500 x 348 / 28	892 x 500 x 348 / 28	892 x 500 x 348 / 29
Pipe length range standard / maximum		m	5/30	5/30	5/30
Elevation difference (in / out)		m	30	30	30

*This product is designed to comply with the European drinking water standard (EU) 2020/2184. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.

Control module indoor unit			WH-CME5	WH-CME8	WH-CME8L
Dimension	H x W x D	mm	454 x 520 x 116	454 x 520 x 116	454 x 520 x 116
Net weight		kg	7	7	7
Field supply electrical backup heater		kW	Up to 3 kW	Up to 9 kW	Up to 18 kW



Aquarea Quick Selector.

Helping you to find the Aquarea Heat Pump for your home in just a few clicks!

Visit Aquarea Quick Selector

AR Heat Pump Viewer.

This tool allows you to see how a Panasonic Aquarea Heat Pump looks in a home, utilising augmented reality.

Visit AR Heat Pump Viewer

R290 REFRIGERANT

Natural refrigerant R290 with GWP 0,02 (AR6).
The new construction ensures a reduced noise level and increased safety for the use of R290.

A++ ErP 55°C

Better efficiency and value for medium temperature applications.
Energy efficiency class up to A++ in a scale from A+++ to D.

A+++ ErP 35°C

Better efficiency and Value for low temperature applications.
Energy efficiency class up to A+++ in a scale from A+++ to D.

A+ DHW

Better efficiency and Value for domestic hot water.
Energy efficiency class up to A+ in a scale from A+ to F.

INVERTER+

Inverter Plus.
Panasonic Inverter Plus compressors are designed to achieve outstanding level of performance.

A CLASS WATER PUMP AUTO SPEED

A class water pump.
Aquarea are built-in with A class energy efficiency water pump. High efficiency circulating the water in the heating installation.

DHW

DHW.
With Aquarea you can also heat your domestic hot water at a very low cost with the optional hot water cylinder.

-28 °C HEATING MODE

Down to -28 °C in heating mode.*
The heat pumps work in heating mode with an outdoor temperature is as low as -28 °C.

*Only for 9, 12 and 16 kW models.

WATER FILTER WITH MAGNET

Water filter with magnet.
Easy access and fast clip technology for J Series onwards.

75°C OUTPUT WATER FLOW TEMPERATURE

75 °C output water.
Reaches water outlet temperature up to 75 °C.

FLOW SENSOR

Water flow sensor.
Included on H Series onwards.

BOILER CONNECTION

Renovation.
Our Aquarea Heat Pumps can be connected to an existing or new boiler for optimum comfort even at very low outdoor temperatures.

WI-FI INCLUDED

Internet control. Wi-Fi adapter included.
A next generation system providing user-friendly remote control of air conditioning or heat pump units from everywhere, using a simple Android™ or iOS smartphone, tablet or PC via the internet.

BMS CONNECTIVITY

BMS connectivity.
The communication port can be integrated into the indoor unit and provides easy connection to, and control of, your Panasonic heat pump to your home or Building Management System.

5 YEARS COMPRESSOR WARRANTY

5 Years compressor warranty.
We guarantee the outdoor unit compressors in the entire range for five years.

Panasonic®

To find out how Panasonic cares for you, log on to: www.aircon.panasonic.eu

Panasonic Marketing Europe GmbH
Panasonic Heating & Ventilation Air-Conditioning Europe
Hagenauer Strasse 43, 65203 Wiesbaden, Germany

EU-LFTAQM0625/02